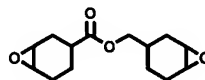




CYRACURE UVR-6105 Cycloaliphatic Epoxide

Description

CYRACURE™ UVR-6105 cycloaliphatic epoxide is a very low viscosity base resin:



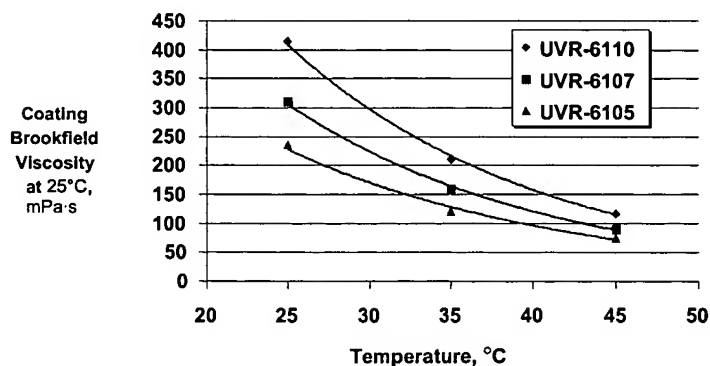
Applications

CYRACURE UVR-6105 cycloaliphatic epoxide resin is useful in applications requiring viscosities lower than that which can be achieved using CYRACURE UVR-6110 or CYRACURE UVR-6107 cycloaliphatic epoxide resins. Typical applications include:

- Metal decoration coatings
- Overprint varnishes
- Flexographic printing inks

Advantages

CYRACURE UVR-6105 cycloaliphatic epoxide resin offers lower viscosity and faster cationic cure than CYRACURE UVR-6110 or UVR-6107 cycloaliphatic epoxide resins. The following graph shows the viscosities of CYRACURE UVR-6110, UVR-6107, and UVR-6105 cycloaliphatic epoxide resins as a function of temperature.



Storage and Handling

- Cycloaliphatic epoxides can be stored and handled in carbon steel, glass, and HDPE or HDPP plastic containers.
- They should be stored inside and kept dry and away from exterior elements.
- Acid and base contaminants, which will catalyze an exothermic reaction, must be avoided and excluded.
- The Dow Chemical Company strongly encourages its customers to review the current Material Safety Data Sheet (MSDS or SDS) on this product prior to its use.

Physical Properties ⁽¹⁾

Specific Gravity at 25°C	1.167 to 1.182
Viscosity at 25° C, mPa·s	220 to 250
Epoxide equivalent weight, g/equivalent	126 to 135
Color, PtCo	0 to 30
Acidity, wt%	0.0 to 0.1
Water, wt%	0.00 to 0.05

¹⁾ These data are typical values and cannot be construed as specifications. For product handling and safety aspects, please refer to the Material Safety Data Sheet.

For further information contact:

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